

Date of Meeting: March 28, 2005

**BOARD OF SUPERVISORS  
PUBLIC SAFETY COMMITTEE  
INFORMATION ITEM**

**#5**

**SUBJECT: DEPARTMENT OF FIRE AND RESCUE SERVICES SIGNIFICANT  
INCIDENT REPORT**

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**BACKGROUND:**

Attached is the significant incident summary report for the Department of Fire and Rescue Services for the month of February 2005. This routine account is a part of the standard reporting package made to the Board of Supervisors' Public Safety Committee from the Department of Fire and Rescue Services

Staff will be on hand to answer any questions that arise from the Committee on calls for service or significant incidents, in addition to any other incidents that have occurred since the printing this item.

**ATTACHMENT:**

Department of Fire and Rescue Significant Incident Report

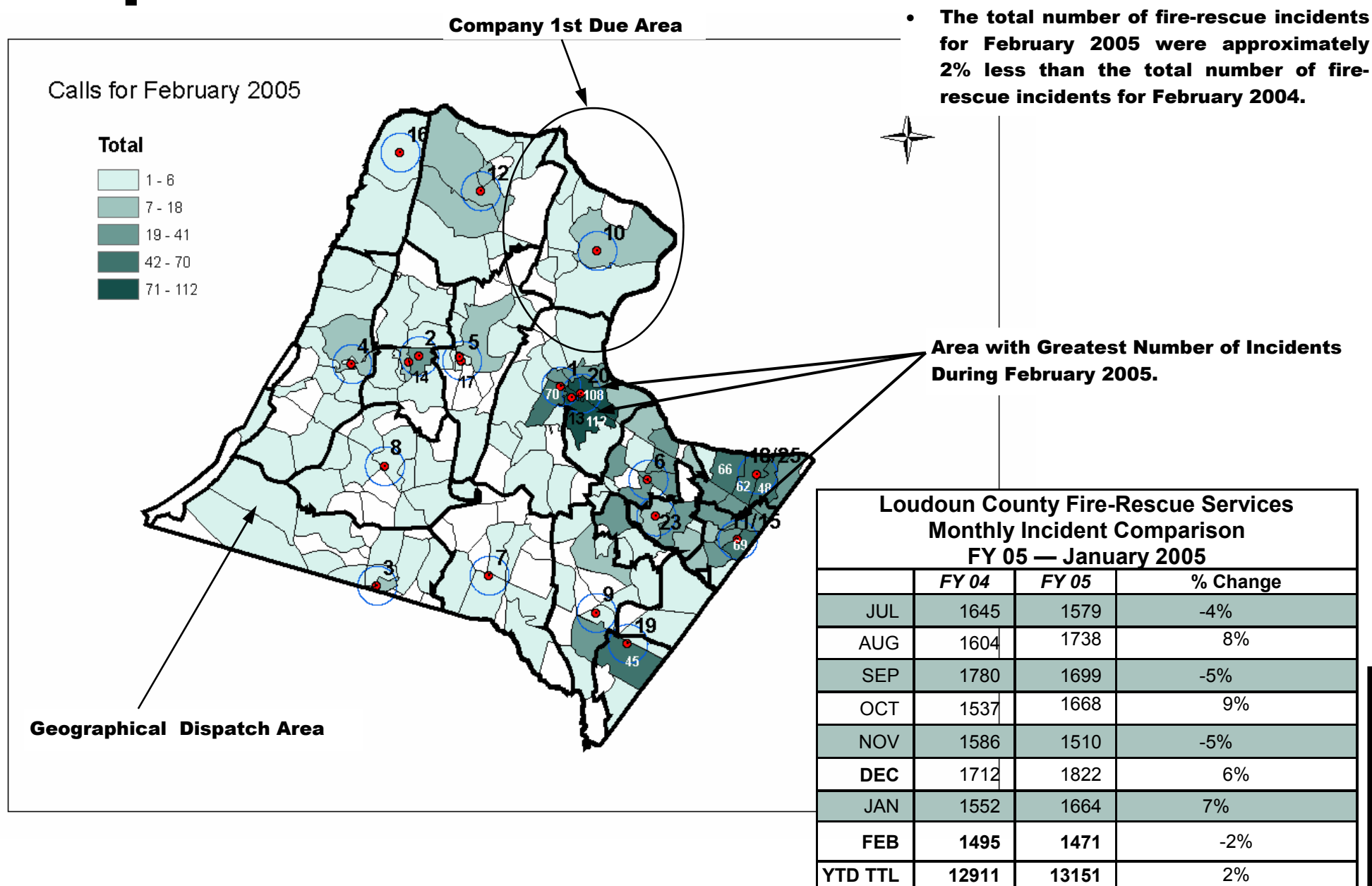
**STAFF CONTACT:**

Joseph E. Pozzo, Chief, Department of Fire and Rescue Services

Mary Maguire, PIO/Assistant to the Chief, Department of Fire and Rescue Services



## Loudoun County Fire-Rescue Services Total Incident Summary FY 05 — February 2005





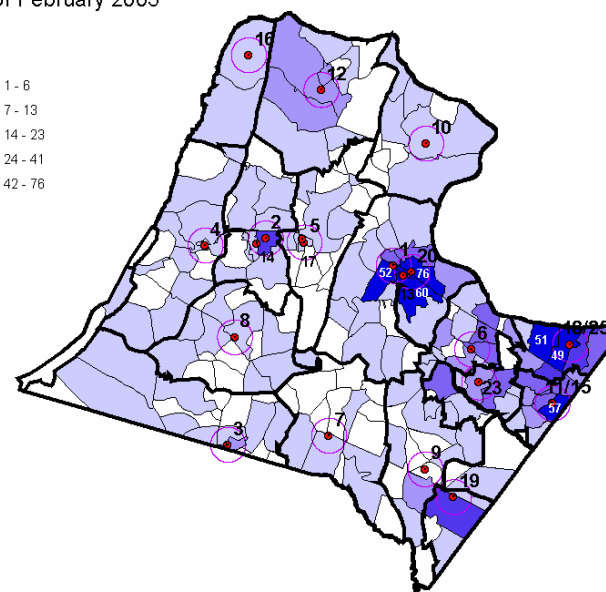
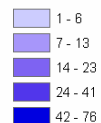
# Loudoun County Fire-Rescue Services

## Monthly Comparison By Incident Type FY 05 — February 2005

	EMS		FIRE	
	FY 04	FY 05	FY 04	FY 05
JUL	1190	1151	455	428
AUG	1105	1263	499	475
SEP	1173	1211	607	488
OCT	1137	1255	400	413
NOV	1128	1096	458	414
DEC	1328	1148	384	674
JAN	1051	1180	501	484
FEB	1063	1095	432	376
<b>YTD Totals</b>	<b>9175</b>	<b>9399</b>	<b>3736</b>	<b>3752</b>

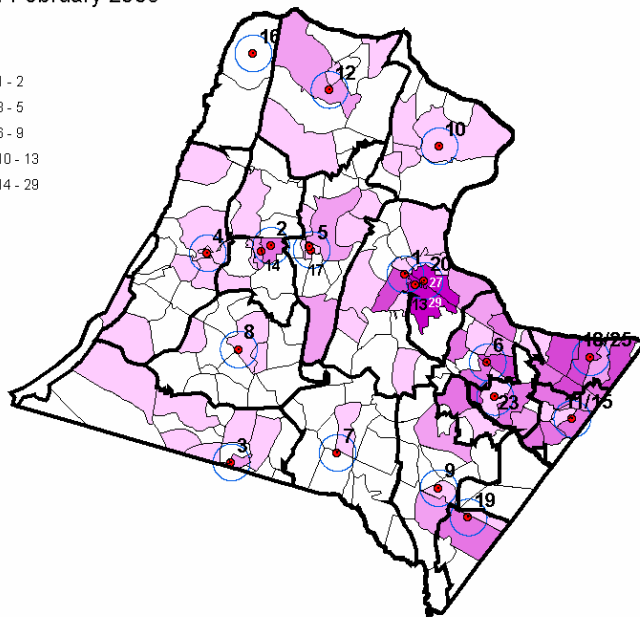
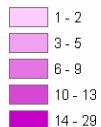
Calls for February 2005

### EMS

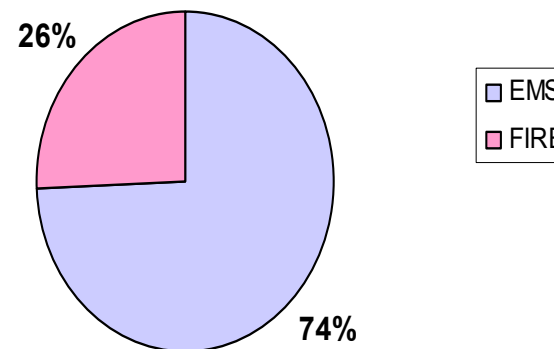


Calls for February 2005

### FIRE



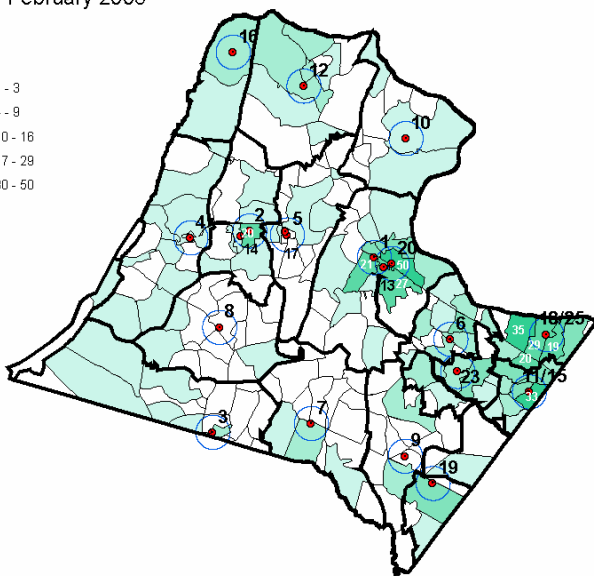
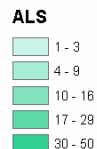
Loudoun County Fire-Rescue Services  
Monthly Comparison By Incident Type  
FY 05 -- February



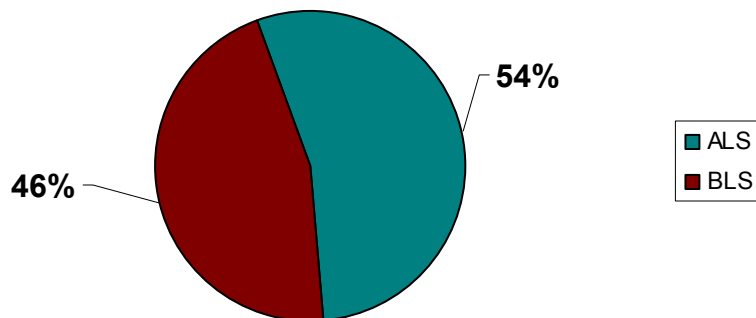


# Loudoun County Fire-Rescue Services Advanced and Basic Life Support Response Distribution for FY 05 — February 2005

Calls for February 2005



**Loudoun County Fire-Rescue Services Advanced  
VS Basic Life Support Response  
FY 05 -- February**

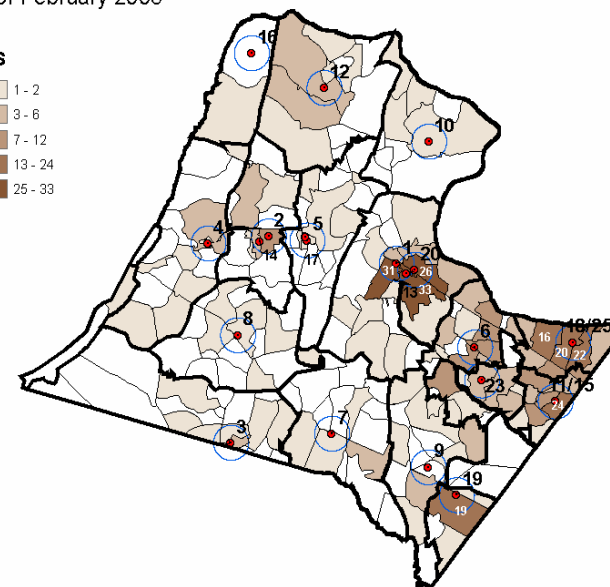
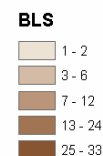


**Loudoun County Fire-Rescue Services  
Total Incidents Requiring Helicopter Transports\*\*  
Cumulative Totals for FY 05**

	FY 04	FY 05	% Change
JUL	14	12	-14%
AUG	27	8	-70%
SEPT	18	9	-50%
OCT	18	13	-28%
NOV	10	6	-40%
DEC	10	14	40%
JAN	6	6	0%
FEB	9	7	-22%
YTD TTL	151	75	-33%

\*\* This number may not be inclusive due to the way data is recorded.

Calls for February 2005

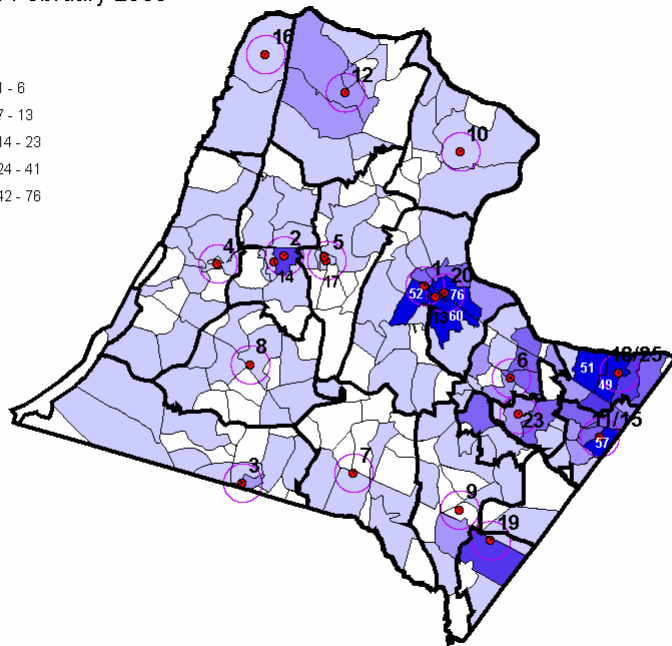
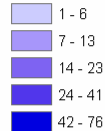




# **Loudoun County Fire-Rescue Services Advanced and Basic Life Support Transports FY 05 — February 2005**

Calls for February 2005

**EMS**



## **Total Incidents Resulting in Transport to Hospital By EMS Type for February 2005**

	ALS	BLS*
Total Incidents Dispatched	592	503
Total Transport	474	294
% of Incidents Resulting in Transport	80%	58%

## **YTD Transports to Area Hospitals July 1, 2004 thru February 28, 2005**

AREA HOSPITALS	fy 2004		fy 2005	
	Feb TTL	YTD TTL	Feb TTL	YTD TTL
Loudoun	360	2561	355	3101
Reston	55	416	61	547
Fair Oaks	17	134	21	239
Winchester	5	40	4	24
Frederick	2	28	4	24
Fauquier	1	20	9	33
Fairfax	10	33	9	42
Prince William	1	6		3
Jefferson	3	9	2	5
Washington		0		0
Children's		0		0
INOVA Reston		1		1
Cornwall	278	2020	308	2444
Other	1	4		3
Grand Totals	733	5272	773	6466

**\*ALS Incidents:** There were two incident s that resulted in four ALS transports each and there were six incidents that resulted in two ALS transports each.

**\*BLS Incidents:** There were five incidents that resulted in two BLS transports each.

\*In addition, there were five incidents that were not categorized as BLS or ALS that resulted in one transport each.

See Page 5 for Detail of Incidents by Nature and Type.



# Loudoun County Fire-Rescue Services

## EMS Incident Summary by Nature and Type

### FY 05 — February 2005

#### EMS Incident Summary Type and By Nature -- February 2004

	February 2004			February 2005				February 2004			February 2005		
NATURE	ALS	BLS	TTL	ALS	BLS	TTL	NATURE	ALS	BLS	TTL	ALS	BLS	TTL
ABDOMINAL PAIN		39	39		34	34	ILLNESS		56	56		87	87
ALLERGIC REACTION	17		17	11		11	ILLNESS ALS	38		38	51		51
ALS EMERGENCY	29		29	11		11	INJURY		84	84		59	59
AMPUTATION	2		2	1		1	INJURY ALS	3		3	9		9
ANIMAL BITE					2	2	INJURY FROM A FALL		76	76		100	100
ARM INJURY		2	2				INJURY FROM ASSAULT					9	9
ASSIST PD					1	1	INJURY TO THE HIP		1	1		1	1
AUTO ACCIDENT		142	142		127	127	INVESTIGATION					1	1
AUTO ACCIDENT - ENTRAPMENT	17		17	18		18	LACERATION		11	11		8	8
BACK INJURY		12	12		10	10	LEG INJURY					1	1
BLS EMERGENCY		1	1				MEDICAL ALARM		12	12			
BURN INJURY	2		2	1		1	NOSE BLEED	4		4	7		7
CARDIAC ARREST	7		7	6		6	OBSTETRICAL/BABY DELIVERY	5		5	4		4
CHEST PAIN	76		76	74		74	OVERDOSE	20		20	12		12
CHILD LOCKED IN AUTO		18	18		12	12	PEDESTRIAN STRUCK	2		2	1		1
CHILD/INFANT CHOKING	8		8	4		4	PERSON CHOKING	2		2	2		2
COLLAPSE /PI INTO STRUCTURE					1	1	RESPIRATORY ARREST	1		1	1		1
CONSTRUCTION ACCIDENT ALS	3		3	7		7	RIVER RESCUE	1		1			
DEAD ON ARRIVAL	8		8	1		1	SEIZURES	39		39	32		32
DIABETIC EMERGENCY	21		21	15		15	SHOOTING	1		1			
ELECTRICAL SHOCK					1	1	STATION TRANSFER-RESCUE		4	4		14	14
ELEVATOR ENTRAPMENT		1	1				STROKE	24		24	17		17
EYE INJURY		4	4		1	1	STRUCTURE FIRE					1	1
FALL ALS				6		6	SUICIDE ATTEMPT/THREAT-RESCUE	1		1	4		4
FALL FROM HORSE	1		1	3		3	SUSPICIOUS EVENT	1		1			
HEAD INJURY	30		30	17		17	TROUBLE BREATHING	131		131	166		166
HEART ATTACK	5		5	7		7	UNCONSCIOUS PERSON	44		44	72		72
HEART PROBLEMS	21		21	26		26	UNKNOWN MEDICAL EMERGENCY	9		9	19		19
HEMORRHAGING	20		20	15		15	UNKNOWN SITUATION		6	6		4	4
HYPOTHERMIA/FROSTBITE				1		1	WIRES DOWN		1	1			
								593	470	1063	621	474	1095



# **Loudoun County Fire-Rescue Services**

## **Fire Incident Summary by Nature**

### **FY 05 — February 2005**

Fire Incident Summary By Nature -- January 2005					
NATURE	Feb 2004	Feb 2005	NATURE	Feb 2004	Feb 2005
APARTMENT FIRE	1	2	INSIDE GAS LEAK / COMMERCIAL	15	20
APPLIANCE FIRE	3	2	INSIDE GAS LEAK / RESIDENTIAL	10	2
ASSIST PD	2	1	INVESTIGATION	59	45
AUTO ACCIDENT	3		LOCKOUT-RESIDENTIAL	4	2
AUTO ACCIDENT - ENTRAPMENT		1	MEDICAL ALARM	1	22
AUTO FIRE	5	4	NURSING HOME FIRE		1
AUTO FIRE	2	6	OUTSIDE FIRE	22	10
BARN FIRE	1		OUTSIDE GAS LEAK	13	10
BROKEN WATER PIPE	9	9	POLE/TRANSFORMER FIRE	10	3
BRUSH/FIELD FIRE	2	2	PROPERTY DAMAGE ACCIDENT		1
CARBON MONOXIDE DETECTOR	32	21	SECURE HELICOPTER LANDING		1
COMMERCIAL FIRE	1		SHED/OUTBUILDING FIRE	1	1
DUMPSTER FIRE	3	3	STATION TRANSFER-FIRE	9	9
ELEVATOR ENTRAPMENT	2	2	STRUCTURE FIRE	14	21
FIRE ALARM	145	140	STRUCTURE FIRE - TOWNHOUSE	3	3
FIRE INVESTIGATION		2	TREE ON FIRE/TREE DOWN	10	1
FLOODED BASEMENT/ELEC HAZARD	3		TRUCK FIRE	2	3
FUEL LEAKING FROM VEHICLE	1	5	UNKNOWN TYPE FIRE	1	
HAY BALES ON FIRE		1	WASHDOWN	3	1
HOUSE FIRE	18	11	WATER RESCUE	1	1
HOUSE FIRE-CHIMNEY	1	2	WIRES DOWN	20	4
ILLNESS POSS. CARBON MONOXIDE		1			
GRAND TOTALS				432	376



# **Loudoun County Fire-Rescue Services** **Fire Alarm Summary by Disposition Code** **FY 05 — October 1 thru February 28, 2005**

**Fire Alarm Summary by Disposition Codes**

<i>Code</i>	<i>Description</i>	<i>Feb</i>	<i>YTD TTL</i>	<i>% TTL</i>
320	Unintentional	61	456	49%
321	Malicious	7	40	4%
322	Valid	3	42	4%
323	Cancel Prior to Arrival	21	147	16%
	No Code Listed	48	249	27%
Totals		140	934	

**Fire Alarm Summary by Address**

<i>Number of Addresses</i>	<i>Alarms Per Address</i>	<i>Total Alarms</i>	<i>Percent of Ttl Alarms</i>	<i>Cumulative Totals</i>	<i>%</i>
1	4	4	3%	4	3%
3	3	9	6%	13	9%
8	2	16	11%	29	21%
111	1	111	79%	140	100%

**Fire Alarm Disposition Codes**  
**October 1, 2004 thru February 28, 2005**

